

# Notice of Allowability

Application No.

10/820,666

Examiner

Eleni A. Shiferaw

Applicant(s)

DUNBAR ET AL.

Art Unit

2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 05/07/2007.
2. ☒ The allowed claim(s) is/are 1-16.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

- |  |   |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application   |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date <u>6/26/07</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____  | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material<br>NASSER MOAZZAMI<br>SUPERVISORY PATENT EXAMINER<br>TECHNOLOGY CENTER 2100 | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance                        |
|  | 9. <input type="checkbox"/> Other _____   |

### **DETAILED ACTION**

1. A telephone interview was made with Bryan T. Giles on June 26, 2007 to incorporate parts of applicant's disclosure in the claims to particularly point out the applicant's invention and solve 112 problems. Based on the interview, Examiner's amendment has been made for independent claims 1 and 10.

### **Response to Amendments/Arguments**

2. The examiner accepts the terminal disclaimer filed on 05/10/2007 and withdraws an obviousness double patenting rejection previously made.
3. Appellant's amendments and arguments filed on 05/07/2007 are persuasive.

### **EXAMINER'S AMENDMENT**

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Bryan T. Giles on June 26, 2007.

5. Claims 1 and 10 are amended as follows.

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1. (Currently Amended) A method of delivering content from a source to a sink by way of a computing device, the method comprising:

an application on the computing device calling to a media base on the computing device with a definition of the content, the source, and the sink;

the media base establishing a protected media path based on the defined content, source and sink to effectuate such delivery, the established protected media path including:

the media base;

a source trusted authority (SOTA) associated with and corresponding to the source, the SOTA acting as a secure lockbox connecting the source to the media base and representing the source in the protected media path; and

a sink trusted authority (SITA) associated with the corresponding to the sink, the SITA acting as a secure lockbox connecting the sink to the media base and representing the sink in the protected media path;

the SOTA on behalf of the source establishing trust with respect to the protected media path;

the SOTA, upon trust being established with respect to the protected media path, translating policy corresponding to the content from a native format of the source into a format amenable to a policy engine and propagating the translated policy corresponding to the content to be delivered to the protected media path to the policy engine;

the SOTA determining a particular type of action to be taken with the content as delivered through the protected media path;

the SOTA deciding with regard to the propagated policy that the particular type of action cannot be taken with the content as delivered through the protected media path and informing the media base of a refusal to take such action;

the media base informing the application of the refusal to take the action;

the SOTA recognizing that the refusal may be rectified by way of a particular enabler available to such SOTA and the SOTA providing the particular enabler to the application by way of the media base, the provided enabler including information and methods necessary for the application to obtain data necessary to responded to the refusal;

the application receiving the enabler at an interface thereof by way of the media base, and the interface applying a common interaction procedure to run the enabler to obtain the data necessary to respond to the refusal;

the application providing the obtained data to the media base and the media base employing the provided data to respond to the refusal;

the SOTA deciding with regard to the propagated policy and based at least in part on the responded refusal that the particular type of action can be taken with the content as delivered through the protected media path and informing the media base regarding same; and—

the SOTA decrypting the content from the source and releasing the decrypted content to the media base;

the media base informing the application that the particular type of action can be taken, and application proceeding by commanding the media base to perform such type of action;

the SITA receiving the translated policy from the policy engine and re-translating the translated policy from the format of the policy engine into a format amenable to the sink; and  
the SITA re-encrypting the decrypted content released by the SOTA.

10. (Currently Amended) A method of delivering content from a source to a sink by way of a computing device where an application on the computing device defines to a media base on the computing device the content, the source, and the sink, and the media base establishes a protected media path based on the defined content, source, and sink to effectuate such delivery, the established protected media path including the media base, a source trust authority (SOTA) associated with and corresponding to the source, the SOTA acting as a secure lockbox connecting the source to the media base and representing the source in the protected media path, and a sink trust authority (SITA) associated with and corresponding to the sink, the SITA acting as a secure lockbox connecting the sink to the media base and representing the sink in the protected media path, the method comprising:  
~~the SOTA;~~

establishing trust with respect to the protected media path;

upon trust being established with respect to the protected media path, translating policy corresponding to the content from a native format of the source into a format amenable to a policy engine and propagating the translated policy corresponding to the content to be delivered to the protected media path to the policy engine;

determining a particular type of action to be taken with the content as delivered through the protected media path;

deciding with regard to the propagated policy that the particular type of action cannot be taken with the content as delivered through the protected media path and informing the media base of a refusal to take action, where the media base informs the application of the refusal to take the action;

recognizing that the refusal may be rectified by way of a particular enabler available to such SOTA and providing the particular enabler to the application by way of the media base, the provided enabler including information and methods necessary for the application to obtain data necessary to respond to the refusal, where the application receives the enabler at an interface thereof by way of the media base, and the interface applies a common interaction procedure to run the enabler to obtain the data necessary to respond to the refusal, and where the application provides the obtained data to the media base and the media base employs the provided data to respond to the refusal; and

deciding with regard to the propagated policy and based at least in part on the responded refusal that the particular type of action can be taken with the content as delivered through the protected media path, informing the media base regarding same, decrypting the content from the source and releasing the decrypted content to the media base, where the media base informs the application that the particular type of action can be taken, and the application proceeds by commanding the media base to perform such type of action;

receiving the translated policy from the policy engine and re-translating the translated policy from the format of the policy engine into a format amenable to the sink;  
and  
re-encrypting the decrypted content.

#### **Allowable Subject Matter**

6. Claims 1-16 are allowed.

7. The following is a statement of reasons for the indication of allowable subject matter:

Applicant's arguments were persuasive. Applied reference Candelore discloses a system that enables a digital content provider to supply content to customers under multiple digital rights management (DRM) schemes but none of prior art of record neither alone nor in combination teach the a common computing device for multiple content delivery sources and sinks comprising a source trust authority (SOTA) that decrypts the content from the source, translates policy associated with the content from a native format of the source into a format amenable to the policy engine, propagates the translated policy to the policy engine, releases the decrypted content to the media base, takes a refusal action by informing the media base based on a propagated policy; and a sink trust authority (SITA) that corresponds to a sink of content, the SITA re-encrypts the decrypted content released by the SOTA, receives the translated policy from the policy engine, and re-translates the translated policy from the format of the policy engine into a format amenable to the sink, whereby the re-encrypted content and the re-translated policy are delivered to the sink, and whereby the sink receives the re-encrypted content and the re-translated policy, decrypts the received content, and renders same based on the received

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policy.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### **Conclusion**

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eleni A. Shiferaw whose telephone number is 571-272-3867. The examiner can normally be reached on Mon-Fri 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nasser R. Moazzami can be reached on (571) 272-4195. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



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July 2, 2007

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